

Abstract

To propose an encryption device and encryption method capable of improving reliability of an encryption function. An element-specific parameter unique to a solid imaging element is created based on a uniform image signal S2 output from the solid imaging element as a result of imaging a uniform imaging target with the imaging unit 11, and identification information D1 is encrypted with encryption key information D2 extracted from this element-specific parameter, thereby being capable of ensuring confidentiality of the identification information D1 and thus improving reliability of an encryption function.